INTERNATIONAL SEARCH REPORT

PCT/ 3/02915

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G01B11/26 G01D5/26

According to International Palent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

 $\begin{array}{ll} \text{Minimum documentation searched (classification system followed by classification symbols)} \\ IPC & 7 & G01B & G01D \end{array}$

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, IBM-TDB

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Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 939 678 A (BECKWITH JR WALTER L) 3 July 1990 (1990-07-03) abstract; figure 5 column 3, line 19-56 column 4, line 3-15 column 5, line 57 -column 6, line 29 column 7, line 31 -column 8, line 40 column 14; table 1	1-5, 9-11, 18-25
X	WO 02 04890 A (CHAPMAN MARK ADRIAN VINCENT; RENISHAW PLC (GB); MCMURTRY DAVID ROB) 17 January 2002 (2002-01-17) abstract; figures 1,4 page 1, line 9-21 page 3, line 1-10 page 5, line 22-30 page 9, line 16 -page 10, line 11	1-5, 9-11, 18-25

					
Further documents are listed in the continuation of box C.	γ Patent family members are listed in annex.				
° Special categories of cited documents :					
A document defining the general state of the art which is not considered to be of particular relevance *E* earlier document but published on or after the international filing date *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) *O* document referring to an oral disclosure, use, exhibition or other means *P* document published prior to the international filing date but	 "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. 				
later than the priority date claimed	*&* document member of the same patent family				
Date of the actual completion of the international search	Date of mailing of the international search report				
17 October 2003	24/10/2003				
Name and mailing address of the ISA	Authorized officer				
European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Popovici, M				

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